

WHAT IS CLAIMED:

1. A fuel additive composition for use in the treatment of diesel fuels comprising from about 5 to 15 parts by weight of mineral seal oil, from about 40 to 60 parts by weight mineral spirits, from about 20 to 40 parts by weight alkylene glycol alkyl ether and about 2 to 15 parts by weight of at least one liquid nonionic surfactant.

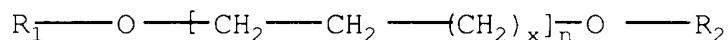
2. A composition as defined in claim 1 wherein the mineral seal oil is a petroleum distillate having a boiling point above 250°C.

3. A composition as defined in claim 1 wherein the mineral seal oil has a boiling point within the range of 270°C to 370°C.

4. A composition as defined in claim 1 wherein the mineral spirits is a petroleum fraction having a boiling point within the range of about 150°C to about 400°C.

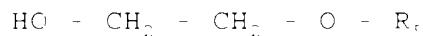
5. A composition as defined in claim 1 wherein the liquid nonionic surfactant is selected from the group consisting of ethoxylated alcohol surfactants and oxygenated substituted aromatic surfactants.

6. A composition as defined in claim 1 wherein the alkylene glycol ether has the structural formulation:



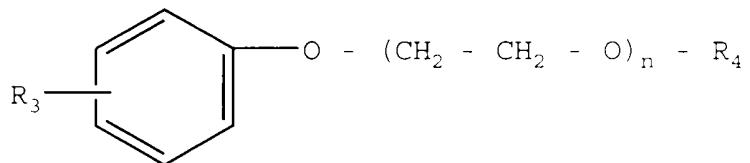
wherein R_1 is an alkyl group containing 2 to 6 carbon atoms, R_2 is hydrogen or an alkyl group containing 2 to 6 carbon atoms, x is 0 or 1 and n is 0 or an integer from 1 to 3.

7. A composition as defined in claim 1 wherein the alkylene glycol alkyl ether has the formulation:



wherein R_5 is an alkyl group containing 3 to 6 carbon atoms.

8. A composition as defined in claim 1 wherein the surfactant has the structure:



wherein R_3 is C_6 to C_{12} alkyl, R_4 is hydrogen or C_1 to C_3 alkyl and n is an integer from 2 to 12.

[9. A composition as defined in claim 8 which includes two surfactants, one surfactant being a surfactant in which R_3 is hydrogen and the other surfactant is a surfactant in which R_3 is C_1 to C_3 alkyl.]

10. A composition as defined in claim 1 wherein the alkyl ether is ethylene glycol mono butyl ether.

11. A composition as defined in claim 1 which includes two surfactants, one surfactant being nonyl phenol polyethoxylate and the other being nonyl phenol polyethylene glycol ether.

12. A method for the treatment of diesel fuels comprising adding to such fuel a fuel additive composition as defined by claim 1.

13. A fuel composition for use in diesel engines comprising a diesel fuel and the fuel additive composition defined by claim 1 wherein the additive is present in an amount sufficient to reduce the pollution emitted during combustion of the diesel fuel.

14. A fuel additive composition for use in the treatment of diesel fuels comprising from about 5 to 15 parts by weight of mineral seal oil, from about 20 to 40 parts by weight alkylene glycol alkyl ether and about 2 to 15 parts by weight of at least one liquid nonionic surfactant.